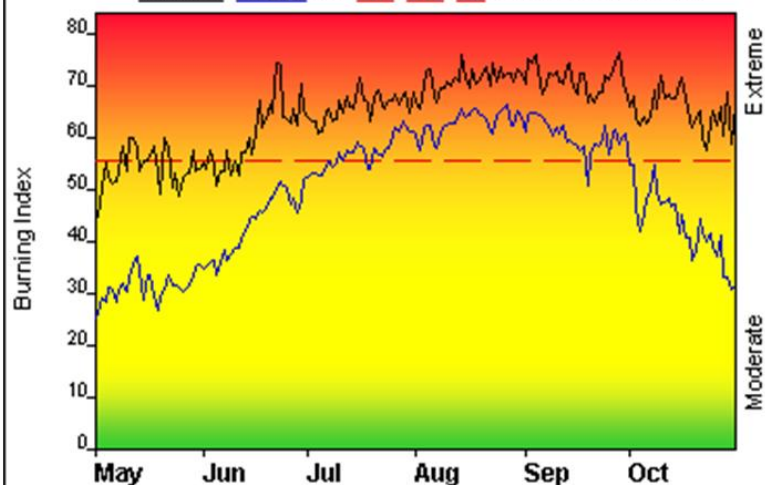


FIRE DANGER -- Shasta-Trinity National Forest

Maximum, Average, and 52th Percentile, based on 12 years data



Fire Danger Area:

- ◆ Fire Danger Rating Areas:
- ◆ 230, 238, 240, 241, 243
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Burning Index by day
for 2000 - 2011

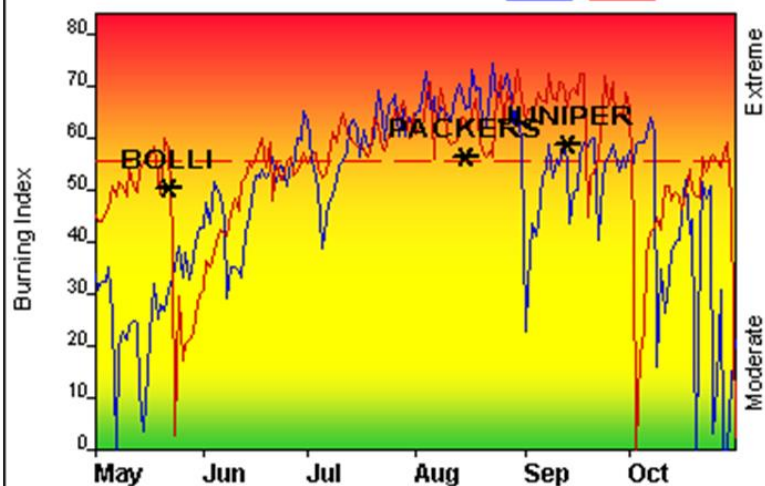
Average -- shows peak fire season over 12 years (2207 observations)

52th Percentile -- Only 48% of the 2207 days from 2000 - 2011
had an Burning Index above 55

Local Thresholds - Watch out:

Combinations
of any of these factors can greatly increase fire behavior:
20' Wind Speed over 3 mph, RH less than 21%,
Temperature over 73, Energy Release Component over 62

Years to Remember: 2000 2008



Fuel Model: G - Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations
calculated from 2 pm temperature, humidity, wind,
daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across
the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Dry Lightning July - September produces multiple starts
Large fire growth common under little or no wind.
10hr fuel moisture 5 or less may result in extreme fire behavior. Ten acre fires can begin
with 43 in the mid 30's and larger fires significantly increase with BI's of 55 or higher.
Bolli fire 730acres, Packers fire 6.5 acres, Juniper fire 12.4 acres these fires are
examples of early, mid and late season potential

Raw's stations used: Mt Shasta, Round Mtn, Ash Creek, Big Bar, Hayfork, Yolla Bolla,
Friend Mtn, Sugarloaf, Pattymocus. revised 05/01/2012

Responsible Agency: Shasta-Trinity National Forest

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Design by NWCG Fire Danger Working Team